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ABSTRACT

In 1982, a study was conducted to assess the academic performance of former Santa Ana College (SAC) students who transferred to the California State Universities and Colleges (CSUC) system or to the University of California (UC) system in 1980-81 or 1981-82. The study revealed that while the total number of SAC students attending the CSUC system has remained fairly constant over the past five years, the number of new transfer students from SAC has declined by 26%. Of the 1,241 SAC students transferring to the CSUC system in 1980-81 and 1,184 transferring in 1981-82, over 50% were men, most transferred before age 30, and most were full-time day students when they attended SAC. The CSUC transfer students' grade point average at the senior institutions was 2.67 in 1980-81 and 2.69 in 1981-82; while their GPA at SAC was 2.89 in 1980-81 and 2.81 in 1981-82. Of the CSUC transfer students, 72% attended CSU Fullerton, where most majored in Engineering, Computer Science, Communications, or Business Administration and Management. In fall 1980, the last year for which UC transfer data were available, 43 former SAC students transferred to the UC system. The average UC GPA for former SAC students during this year was above 2.25 for every campus. The study report includes tables providing data by UC and CSUC campus. (DAB)

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Santa Ana College

Transfer Students' Academic Performance at the University of California and the California State Universities and Colleges and Other Related Information

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Institutional Research
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April 1983

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INTRODUCTION

Traditionally, every two years, the Institutional Research Office has reported on the academic performance of SAC's transfer students to the California State Universities and Colleges and the University of California. The transfer function of community colleges has recently become the subject of increased interest and controversy. At the same time, however, student performance data reported to the two year colleges by the four year colleges is becoming increasingly inconsistent in timeliness and quality. Consequently, this report includes the standard section of numbers and performance of SAC transfer students---where and when available. In addition, demographic and academic characteristics of some of SAC's transfer students are reported for the first time. This information can be used to assist in counseling potential transfer students and describing the current status of SAC's transfer program.

NUMBERS AND PERFORMANCE OF TRANSFER STUDENTS

CSUC. Table 1 provides, historically for five years through 1981-82, the number of former SAC students attending CSUC's, their average CSUC grade point average (g.p.a.), their average transfer g.p.a., and the difference between the two g.p.a.'s (differential), by CSUC campus. There were 1241 former SAC students reported attending CSUC's in 1980-81, and 1184 in 1981-82. While this appears to represent a slight decline over previous years, two campuses (Los Angeles and San Diego) did not report for this time period, and their omission could be partly responsible for the difference. Otherwises, there is little difference in numbers attending over the five years. CSU Fullerton receives the largest numbers of our transfer students, and CSU Long Beach the second largest.

Not shown is the fact that, of these total numbers attending CSUC's, 418 were new entrants to the CSUC system in 1977, 342 in 1979, and 308 in 1981. This

represents a 26% decline of new transfer students to the CSUC's from SAC within five years.

Average CSUC g.p.a.'s of SAC students have slightly decreased, and SAC g.p.a.'s of this group have slightly increased, resulting in a larger negative differential between the two. This differential is the smallest for CSULB student performance.

UC. Table 2, issued previously by this office, shows the number and performance of SAC students who transferred to a UC during Fall 1979 and Fall 1980. Unlike the information provided about transfer students to a CSUC, these g.p.a. calculations include only those who transferred in the Fall term and who persisted through the Spring term. Also unlike the previous table, UC transfer students are "charged" to SAC by a formula which considers amount of work completed at former colleges and length of time since attendance. The CSUC's "charge" only by most recent previous school of attendance.

Table 2 shows that in Fall 1979, 60 former SAC students transferred to a UC. In Fall 1980, this same number declined to 43. Most of those students attended the UCI campus and were in the group ineligible for the UC from high school; grade differentials are greater for this group than for the group eligible from high school. Average UC g.p.a.'s are above 2.50 for every group in 1980.

The majors of our transfer students attending CSUF, CSULB, and UCI for Fall 1982 are shown in Tables 3, 4, and 5. Engineering, Computer Science, Communications, and Business Administration and Management enroll the largest numbers at CSUF and CSULB.

DEMOGRAPHIC CHARACTERISTICS

Table 6 provides information describing our former students in terms of gender, age, ethnicity, and their part-time/full-time and day/night status during their last semester at SAC. Data in Table 4 indicate that slightly more men than women transfer; that fewer transfer after age 30; and that about a quarter of the transfer students are ethnic minorities. (Currently, about a third of SAC's population is of this category.) CSULB enrolls a larger proportion of SAC ethnic minority students---primarily Asian---and male students than does CSUF. Also, 40% of those who attended a CSUC in 1981-82 received an AA degree from SAC.

Table 7 shows that a large percentage---larger than that for the SAC student population at large---attended SAC full-time and during the day, as would be expected. The proportions are different for CSUF and CSULB students, however. More than 70% had selected "transfer" as their educational goal on their applications, indicating that this is a reliable method by which to identify potential transfer students.

SUMMARY

- There were 1241 former SAC students attending a CSUC in 1980-81, and 1184 in 1981-82. Over the past five-year period, this number has remained fairly constant.

- The average entering g.p.a. of SAC transfer students attending a CSUC during 1981-82 was 2.91 and their average CSUC g.p.a. 2.69. The difference between these two measures is growing.

- There were 60 former SAC students who entered the UC in Fall 1979, and 43 in Fall 1980. Average UC g.p.a.'s for former SAC students during 1980 are above 2.50 for every campus and group.

- The largest numbers of transfer students major in Engineering, Computer Science, Communications, and Business Administration and Management.

- Demographically, slightly more men than women transfer; fewer transfer after age 30; and most were full-time day students when they attended SAC.

Table 1

Academic Performance of Former
Santa Ana College Students at the
California State Universities and Colleges

College	Academic Year				
	1977-78	1978-79	1979-80	1980-81	1981-82
Cal State College, Bakersfield					
Number of Students	0	0	1	3	3
Bakersfield g.p.a.			3.48	unknown	unknown
SAC g.p.a.			2.96	3.07	2.94
Differential			+0.52	—	—
Cal State University, Dominguez Hills					
Number of Students	3	0	4	0	0
Dominguez Hills g.p.a.	3.22		2.07		
SAC g.p.a.	2.60		2.00		
Differential	0.62		0.07		
Cal State University, Fresno					
Number of Students	6	1	3	5	6
Fresno g.p.a.	2.71	1.53	1.79	2.72	2.75
SAC g.p.a.	2.73	2.74	2.71	2.66	2.63
Differential	-0.02	-1.29	-0.92	+0.06	+0.12
Cal State University, Fullerton					
Number of Students	818	933	895	860	850
Fullerton g.p.a.	2.72	2.61	2.68	2.67	2.61
SAC g.p.a.	2.82	2.82	2.87	2.90	2.93
Differential	-0.10	-0.21	-0.19	-0.37	-0.32
Cal State University, Humboldt					
Number of Students	16	25	22	14	12
Humboldt g.p.a.	2.94	2.79	2.81	2.91	2.80
SAC g.p.a.	2.83	2.83	2.79	2.73	2.93
Differential	0.11	-0.04	0.02	+0.18	-0.13

Table 1, cont'd
Academic Performance of Former
Santa Ana College Students at the
California State Universities and Colleges

College	Academic Year				
	1977-78	1978-79	1979-80	1980-81	1981-82
Cal State University, Long Beach					
Number of Students	286	285	325	298	279
Long Beach g.p.a	2.82	2.82	2.81	2.68	2.78
SAC g.p.a.	2.65	2.85	2.89	2.86	2.86
Differential	-0.17	-0.03	-0.08	-0.18	-0.08
Cal State University, Los Angeles					
Number of Students	17	44	25		
Los Angeles g.p.a.	2.80	2.84	2.74	unknown	
SAC g.p.a.	2.83	2.77	2.50		
Differential	-0.03	0.07	0.24		
Cal State University, Northridge					
Number of Students	1	3	3	0	2
Northridge g.p.a.	4.00	2.68	3.25		2.55
SAC g.p.a.	3.00	3.24	2.74		2.85
Differential	1.00	-0.56	0.51		-0.30
Cal State University, Sacramento					
Number of Students	0	0	0	5	1
Sacramento g.p.a.				3.35	2.50
SAC g.p.a.				3.19	2.75
Differential				+0.16	-0.25
San Diego State University					
Number of students	45	50	44	35	unknown
San Diego g.p.a.	2.66	2.57	2.45	2.59	
SAC g.p.a.					
Differential			See footnote 1 below		

[1]Transfer g.p.a. not reported names of transfer students not reported.

Table 1, cont'd

Academic Performance of Former
Santa Ana College Students at the
California State Universities and Colleges

College	Academic Year				
	1977-78	1978-79	1979-80	1980-81	1981-82
San Francisco State University					
Number of Students	5	5	*	5	10
San Francisco g.p.a.	3.84	3.25		1.43	2.10
SAC g.p.a.	3.37	3.04		2.71	2.84
Differential	0.47	0.21		-1.28	-0.74
Cal State University, San Jose					
Number of Students	15	11	17	13	14
San Jose g.p.a.	2.64	2.52	2.44	2.23	2.56
SAC g.p.a.	2.90	2.97	2.66	2.77	2.73
Differential	-0.26	-0.45	-0.22	-0.54	-0.17
Cal State College, Sonoma					
Number of Students	3	0	3	2	5
Sonoma g.p.a.	2.95		3.12	3.37	3.13
SAC g.p.a.	3.03		3.03	2.69	2.83
Differential	-0.08		0.09	+0.68	+0.30
Cal State College, Stanislaus					
Number of Students	2	0	1	1	2
Stanislaus g.p.a.	2.65		3.70	4.00	2.25
SAC g.p.a.	2.58		3.01	3.01	2.56
Differential	0.07		0.69	+0.99	-0.31
TOTAL					
State College & University System					
Number of Students	1217	1357	1343	1241	1184
C.S.U.C. g.p.a.	2.73	2.70	2.72	2.67	2.69
SAC g.p.a.	2.81	2.83	2.85	2.89	2.91
Differential	-0.08	-0.13	-0.13	-0.22	-0.22

*Not available at this time.

Table 2

Number and Performance of Former SAC Students Entering the UC Fall 79 & 80

STUDENTS ELIGIBLE FROM HIGH SCHOOL

School	FALL 1979 Total Entrants	# charged to SAC	# in calculation*	SAC gpa	UC gpa**	difference	FALL 1980 Total Entrants	# charged to SAC	# in calculation*	SAC gpa	UC gpa**	difference
Berkeley	3	0	0				3	1	1	3.68		
Davis	5	2	2	3.68	2.89	- .79	1	0	0			
Los Angeles	9	3	1	3.34	2.89	- .47	5	2	2	3.53	2.25	-1.28
Riverside	2	1	1	3.06			1	1	1	3.00		
San Diego	1	1	0				2	1	1	2.83		
Santa Cruz	0	0	0				2	1	1	3.62		
Santa Barb.	3	1	1	2.39			2	0	0			
Irvine	37	7	6	3.18	2.95	- .23	27	6	4	3.09	3.13	+0.04
TOTAL	60	15	11	3.18	2.87	- .31	43	12	10	3.28	2.92	-0.36

STUDENTS INELIGIBLE FROM HIGH SCHOOL

School	FALL 1979 Total Entrants	# charged to SAC	#in calculation*	SAC gpa	UC gpa**	difference	FALL 1980 Total Entrants	# charged to SAC	# in calculation*	SAC gpa	UC gpa**	difference
Berkeley	3	2	1	3.21			3	2	2	3.53		
Davis	5	3	3	3.30	3.00	-.29	1	0	0			
Los Angeles	9	4	3	3.12	2.79	-.33	5	3	2	3.45	2.67	-0.79
Riverside	2	0	0				1	0	0			
San Diego	1	0	0				2	1	1	4.00		
Santa Cruz	0	0	0				2	1	1	3.07		
Santa Barb.	3	0	0				2	1	1	3.00		
Irvine	37	13	12	3.14	2.74	-.40	27	16	11	2.96	2.51	-0.44
TOTAL	60	22	19	3.17	2.81	-.36	43	24	18	3.15	2.59	-0.56

STUDENTS ADMITTED BY SPECIAL ACTION

School	FALL 1979 Total Entrants	# charged to SAC	#in calculation*	SAC gpa	UC gpa**	difference	FALL 1980 Total Entrants	# charged to SAC	# in calculation*	SAC gpa	UC gpa**	difference
Berkeley	3	0	0				3	0	0			
Davis	5	0	0				1	1	1	2.71		
Los Angeles	9	1	1	2.76	1.12	-1.64	5	0	0			
Riverside	2	1	0				1	0	0			
San Diego	1	0	0				2	0	0			
Santa Cruz	0	0	0				2	0	0			
Santa Barb.	3	2	2	2.91			2	1	1	3.00		
Irvine	37	6	5	2.83	2.34	- .50	27	5	4	2.26	2.81	+0.55
TOTAL	60	10	8	2.84	2.29	- .55	43	7	6	2.28	2.56	+0.28

*Those who registered in Fall term and completed Spring term.
**Not displayed if only 1 entrant.

Table 3

Majors of Former SAC Students at CSUF
Fall 1982

Major Category	Number
Accounting	75
Afro-American Studies	1
Anthropology	4
American Studies	5
Art	15
Biochemistry	1
Biology	19
Business Administration	42
Chemistry	8
Child Development	23
Communications	45
Computer Science	53
Criminal Justice	13
Earth Science	5
Economics	5
Engineering	51
English	8
French	1
Finance	28
German	1
Geography	3
History	10
Human Services	23
Latin American Studies	2
Liberal Studies	22
Linguistics	4
Management	41
Math	8
Marketing	21
Mexican American Studies	2
Music	7
Nursing	20
Physics	6
Physical Education	15
Physiology	5
Political Science	13
Pre-Business	10
Psychology	36
Religion	3
Spanish	5
Special Education	6
Speech	5
Sociology	16
Theatre Arts	5
Undeclared	37

Table 4

Majors of Former SAC Students at CSULB
Fall 1982

Major Category	Number
Accounting	9
Art	8
Biology	4
Botany	1
Business Administration	5
Business Computer Methods	3
Communicative Disorders	3
Criminal Justice	10
Dietetics/Food Administration	6
Economics	1
Engineering	66
English Literature	2
Finance	2
French	1
Geology	3
Health Science	3
History	2
Home Economics	6
Human Development	1
Human Resource Management	1
Industrial Arts & Technologies	22
Journalism	6
Liberal Studies	8
Management	8
Marketing	9
Math-Computer Science	2
Math	3
Microbiology	6
Music	4
Nursing	11
Operations Management	1
Philosophy	2
Physics	2
Physical Education	4
Physical Therapy	6
Physiology	2
Political Science	9
Psychology	10
Quantitative Methods	1
Radio/T.V.	2
Religious Studies	1
Recreation	4
Social Welfare	1
Sociology	2
Theatre Arts	3
Undeclared	20
Vocational Education	2

Table 5

School or Program of Former SAC Students New at UCI
Fall 1982

School or Program	Number
Biological Sciences	5
Engineering	2
Fine Arts	1
Humanities	1
Information and Computer Science	6
Physical Sciences	3
Social Ecology	1
Social Sciences	4

Table 6

DEMOGRAPHIC CHARACTERISTICS OF SAC TRANSFER STUDENTS

ATTENDING CSUC's 1980-81/1981-82

*Percent Distribution**

Demographic Variable	CSU Campus																								TOTAL	
	Bakersfield		Fresno		Fullerton		Humboldt		Long Beach		Northridge		Sacramento		San Francisco		San Jose		Sonoma		Stanislaus					
	80-81 n=3	81-82 n=3	80-81 n=5	81-82 n=6	80-81 n=860	81-82 n=850	80-81 n=14	81-82 n=12	80-81 n=298	81-82 n=279	80-81 n=2	81-82	80-81 n=5	81-82 n=1	80-81 n=5	81-82 n=10	80-81 n=13	81-82 n=14	80-81 n=2	81-82 n=14	80-81 n=1	81-82 n=2	80-81 n=1241	81-82 n=1184		
Gender																										
Male			100%	100%	52%	51%	58%	58%	55%	57%				100%	40%	63%	55%	55%			100%	50%	53%	53%		
Female	100%	100%			48	49	42	42	45	41		100%	100%		60	37	45	45	100%	100%		50	47	47		
Age																										
20-24	33	33	40	60	19	31	25	50	15	30		50	50		80	37	55	64	50			100	19	31		
25-30		33	60	40	47	39	58	42	55	44		50	50	100	20	63	27	36		50	100		49	41		
31-40	66	33			22	21	8	8	20	10							18			25			21	20		
41-50					7	7	8		7	3									50	25			7	6		
Over 50					4	2			2	3													4	2		
Ethnicity																										
White	100	100	80	80	80	75	82	82	68	65			75	100	60	63	64	82	100	50	100	100	77	73		
Hispanic					7	9			8	8		50	25			12				50			7	8		
Black			20	20	3	2			5	6					40	12	18	18					4	3		
Asian					4	6			10	13		50											5	7		
Other					6	8	18	18	8	8						12	18						7	8		
Last Year at SAC																										
1981-82					25	48	16	33	27	41		100			40	25	18	45		50		100	25	46		
1979-80	33	33	60	80	47	36	25	25	40	37			75	100	60	75	63	45			100		46	36		
1977-78			20	20	22	12	50	33	22	12			25				9	9	50				22	12		
< 1977	66	66	20		6	4	8	8	12	16							9		50	50			7	6		
AA Degrees earned	0	0	20	20	33	42	42	42	43	37		50	25	100	0	0	45	45	0	25	100	0	35	40		

* Unknowns are prorated according to known distributions.

Table 7

Educational Characteristics of SAC Transfer Students to CSUF and CSULB Fall 1982*

	CSUF	CSULB
	percent distribution	
Part-time/Full-time		
Full-time	69%	46%
Part-time	31%	54%
Day/Night		
Day	43%	35%
Night	26%	16%
Both	31%	49%
Educational Objective		
Transfer	77%	75%
General-Personal	13%	12%
Vocational	4%	6%
Certificate	0	2%
Other-Unknown	6%	6%
	n=735	n=294

* The students reflected in this table are former SAC students who are currently attending CSUF and CSULB. The information presented here represents their status during their last semester at SAC.

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